

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/036143

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C12N5/08 C12N5/06 G01N33/53

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, EMBASE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/068937 A (ANTHROGENESIS CORPORATION) 21 August 2003 (2003-08-21) see Claims -----	5,12,13
X	MCNAGNY K M ET AL: "Thrombomucin, a novel cell surface protein that defines thrombocytes and multipotent hematopoietic progenitors" THE JOURNAL OF CELL BIOLOGY, ROCKEFELLER UNIVERSITY PRESS, US, vol. 138, no. 6, 1997, pages 1395-1407, XP002232095 ISSN: 0021-9525 page 1397 - page 1398; figure 5 -----	5,12
Y	----- -/-	1-13

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
2 March 2005	09/03/2005
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Vollbach, S

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>GU JIAN-MING ET AL: "Disruption of the endothelial cell protein C receptor gene in mice causes placental thrombosis and early embryonic lethality." 8 November 2002 (2002-11-08), JOURNAL OF BIOLOGICAL CHEMISTRY, VOL. 277, NR. 45, PAGE(S) 43335-43343 , XP008042848 ISSN: 0021-9258 abstract page 43341, right-hand column, paragraph 2 - page 43342, right-hand column</p> <p>-----</p>	1-13
Y	<p>CRAWLEY JAMES T B ET AL: "Distribution of endothelial cell protein C/activated protein C receptor (EPCR) during mouse embryo development" THROMBOSIS AND HAEMOSTASIS, vol. 88, no. 2, August 2002 (2002-08), pages 259-266, XP008042983 ISSN: 0340-6245 the whole document</p> <p>-----</p>	1-13
P,X	<p>ESMON CHARLES T: "Structure and functions of the endothelial cell protein C receptor." CRITICAL CARE MEDICINE. MAY 2004, vol. 32, no. 5 Suppl, May 2004 (2004-05), pages S298-S301, XP008042832 ISSN: 0090-3493 abstract page S299 "EPCR in development"</p> <p>-----</p>	1-13

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Information on patent family members

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PCT/US2004/036143

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03068937	A 21-08-2003	US 2003032179 A1		13-02-2003
		AU 2003216286 A1		04-09-2003
		CA 2476553 A1		21-08-2003
		EP 1482787 A2		08-12-2004
		WO 03068937 A2		21-08-2003
		US 2003180269 A1		25-09-2003
		US 2004048372 A1		11-03-2004
		US 2005019908 A1		27-01-2005